

Appl. No. 10/620,636  
Amdt Dated December, 27, 2005  
Reply to Office Action December 6, 2005

### REMARKS

Applicant has voluntarily corrected a typo in claim 20. Such amendment does not alter the scope thereof.

Applicant traverses the allegation about the response dated November 23, 2005 to the Final Office Action for the following reasons.

All of the claims remained in the response dated November 23, 2005 to the Final Office Action have been presented in the response dated May 25, 2005 to a Non-final Office Action and should have been considered prior to the Final Office Action; thus, **NO** combination of new limitations is contained in the Amendment After Final and **NO** updated search is required for the Amendment After Final. Detailed illustration is shown below.

In the response dated May 25, 2005 to a Non-final office action, applicant has presented claims 1, 2, 5, 6 and 7 after amendment as:

#### Claim 1:

A cooling device utilizing liquid coolant, comprising:  
a tank comprising a plurality of parallel inner walls therein thereby defining a through channel for passage of the liquid coolant, a plurality of pins being disposed in the channel merely around a center portion of the tank;  
an inlet and an outlet formed at the tank and disposed at opposite ends of the channel for entry and exiting of the liquid coolant into and from the tank; and  
a cover hermetically sealing the tank.

#### Claim 2:

The cooling device of claim 1, wherein the tank comprises a base, and two pairs of

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sidewalls perpendicularly extending from the base and surrounding the inner walls.

Claim 5:

The cooling device of claim 2, wherein the inner walls extend alternately from one of the sidewalls and an opposite sidewall.

Claim 6:

The cooling device of claim 5, wherein the inner walls are substantially uniformly spaced apart.

Claim 7:

The cooling device of claim 6, wherein a distance between a free end of each of the inner walls and a corresponding opposite sidewall is substantially equal to a distance between any two adjacent inner walls.

Clearly, in the response dated May 25, 2005 to the Non-final Office Action, claim 7 essentially claims a cooling device including all of the limitations of claims 1, 2 and 5-7.

In the amendment of the response dated November 23, 2005 to the Final Office Action, Claim 1 claims a cooling device having limitations which are essentially identical to the limitations of claim 7 in the response dated May 25, 2005 to the Non-final Office Action. In other words, claim 1 in Amendment After Final is a rewritten independent claim of claim 7 presented in the response dated May 25, 2005 to the non-Final Office Action. Thus, no combination of new limitations is contained in claim 1 of Amendment After Final. Accordingly,

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amended claim 1 in the response dated November 23, 2005 does not require an updated search.

Other claims remained in Amendment After Final, i.e., claims 11-17 and 19-21, are unchanged in comparison with the pending claims before the Final Office Action; thus, no combination of new limitations is contained in these claims; accordingly, claims 11-17 and 19-21 do not require an updated search.

Applicant pays the additional *one month extension fee* herewith for having a second chance to ask the Examiner to reconsider the response (including the translation and the affidavit associated therewith) submitted Nov. 23, 2005 which the Examiner had improperly treated in the advisory action.

For the illustration and reasons given above, it is earnestly solicited to remove this Advisory Office Action, and kindly consider the amendments and remarks in the response dated November 23, 2005. The Examiner is invited to call the undersign to put this case in condition for allowance if he can not completely agree with Applicant's amendments.

Respectfully submitted,

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